Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 14 Oct 2022 until 23:59 on Saturday 15 Oct 2022

Forecast Issued on Friday 14 Oct 2022 at 03:30

Confidence: High confidence for the overall unsettled conditions, Medium for day to day rain/showers detail.

Headline for Friday 14 Oct 2022: Changeable, with rain or showers throughout the day.

Mountain weather hazards on Friday 14 Oct 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Sunny intervals	Heavy Rain	Light rain showers	Cloudy	Partly cloudy (night)
Precipitation probability					
40%	20%	30%	30%	20%	10%

Forecast for Friday 14 Oct 2022

Weather: Low cloud, mist and patchy light rain and drizzle overnight and early morning. This should lift and break with some bright or occasional sunny spells developing mid-morning. However, a band of rain, locally heavy, will arrive from the northwest around midday, turning showery as it moves southeastwards. Becoming dry with some clear spells developing by the evening.

Chance of cloud-free hill tops above 600m: 90%, but 40% early and late in the day

Low cloud and visibility: Extensive cloud, base 600 m, patches to 300m, early and late in the day, but lifting and breaking above the tops around the middle of the day. Visibility moderate or poor in any rain, drizzle and mist, occasionally very poor over the tops. Otherwise good or very good.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 14 Oct 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/22 SW	15/19 SW	15/21 SW	14/20 SW	12/17 W	11/15 SW	11/16 SW
300	13/19 SW	10/15 SW	11/17 SW	10/16 W	8/12 W	7/11 SW	8/14 S
Valley	8/18 SW	7/14 SW	8/16 SW	8/16 W	5/12 W	4/11 SW	5/14 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	9/5	10/6	10/7	8/5	7/4	6/3
300	11/8	11/9	12/10	13/11	10/8	9/8	9/7
Valley	11/9	12/10	13/12	13/12	11/10	10/9	9/8
Freezing Level*	2000m	1700m	1800m	1900m	1900m	1600m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some uncertainty of how quickly conditions will deteriorate through the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 14 Oct 2022	0mm	7.6mm	7.6mm

Forecast for Saturday 15 Oct 2022

Weather: Showers or longer spells of rain, heavy at times, during the morning. However, it should brighten up, with the showers becoming more scattered from late-morning. The showers are likely to be heavy at times, with the risk of hail and thunder, especially in the afternoon. Any showers gradually easing into the evening.

Maximum wind: Southwest 25 to 30mph gusting 40mph with a significant wind chill.

Chance of cloud-free hill tops above 600m: 90%, lowering significantly in and around showers

Low cloud and visibility: Cloud mainly above the tops, but lowering 600m or less rain and showers. Visibility very good, falling moderate or poor in rain or showers.

Temperature: **Valleys:** Plus 7 Celsius rising to 15 Celsius
At 600m: Plus 4 to 6 Celsius
Freezing level: Above the summits

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